

VER10720093020



MPEG4-DVD-PLAYER WITH HDMI DVX 3020



Symbol photo

USER MANUAL



CREATE MORE XITEMENT

Imprint

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Designed by cmx® in Europe | Assembled in China

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1. General

1.1. Safety precautions

- ⚠ Only connect to mains power supply (230 Volt / 50 Hz).
- ⚠ Do not place containers filled with water on top of the device.
- ⚠ Do not place device in close proximity of water (e.g. sink, wash basin, etc.). The device can fall into the water and cause a short circuit.
- ⚠ The device consumes some power during standby operation. For zero power consumption disconnect from mains power supply.
- ⚠ During a thunderstorm disconnect the device.
- ⚠ Place the device on a stable surface to prevent it from tipping over and causing damages or injuries.
- ⚠ Condensation can form if the device is placed in cold surroundings. Leave the device for at least one hour in standby mode.
- ⚠ Keep at least 10 cm distances at top and rear and 5 cm at the sides for proper ventilation to avoid overheating.
- ⚠ Do not subject the device to direct sunlight or high temperatures, this can result in fire.

1.2. Disposal of waste electronic equipment



Your product is manufactured from high quality raw materials and should be recycled.

Ask your municipality for collecting points for waste electronic equipment.

Do not dispose of old appliances with the household waste.

The symbol on the product, the instructions for use or the packaging will advert about the methods for disposal.

1.3. Battery disposal

The law requires returning exhausted batteries to public collection points or the dealer.

Do not dispose of exhausted batteries with the household waste.

1.4. Copyright

It is illegal to copy, send exhibit, broadcast via cable, publicly show or rent copyrighted materials without consent.

1.5. Hearing protection



- 👉 Select a moderate volume to protect your hearing.
- 👉 Only turn the volume to a level where you can still hear ambient noise.

1.6. Macrovision

This product incorporates copyright technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.

Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

1.7. *Cleaning and maintenance*

-  Before cleaning disconnect from mains power supply.
-  Do not clean with liquid cleaning agents or a wet cloth, this can cause a short circuit.

Cleaning the casing

Clean the casing with a dry cloth.

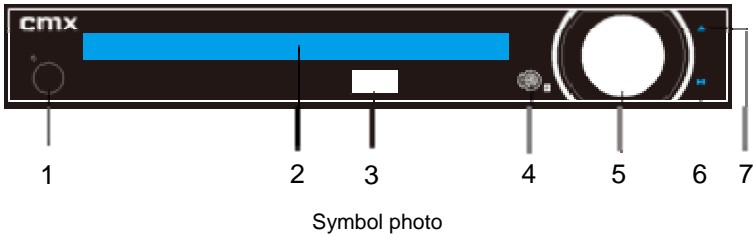
2. Features

Dive into the world of high definition with the cmx® DVX 3020! The device is equipped with an HDMI port, USB 2.0 and CD-ripping function.

Parental control, picture settings and other functions are also available.

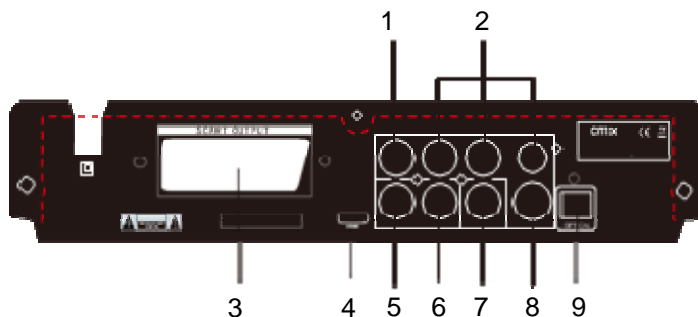
3. Location of controls

3.1. Main unit - front



1	POWER	ON/OFF
2	DRIVE	DVD drive
3	USB	Port for MP3-Player / USB-Stick
4	IR	Sensor for infrared remote control
5	LED	Display
6	▶	Start and pause playback
7	EJECT	Open/Close the DVD drive

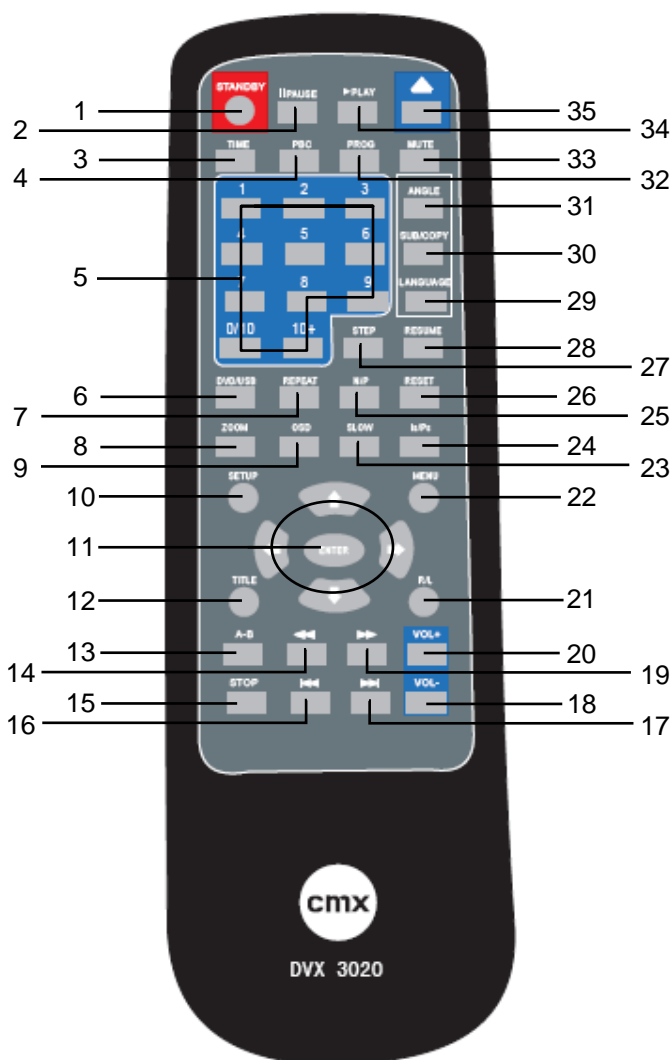
3.2. Main unit - rear



Symbol photo

1	L	Left audio channel
2	Y, Pb, Pr	Component output
3	SCART OUTPUT	Scart output for TV/ recorder
4	HDMI	HDMI digital audio/video output
5	R	Right audio channel
6	COAXIAL	coaxial digital audio output
7	VIDEO	composite video output
8	S-VIDEO	S-Video output
9	OPTICAL	Optical Digital Audio output

3.3. Remote control



1	STANDBY	ON/OFF
2	II PAUSE	pause playback
3	TIME	Quick select from a title
4	PBC	PBC activate/deactivate

5	0-9, 0/10, 10+	Numbers / digit entry (A-Z); 0;
6	DVD/USB	Toggle between DVD / USB
7	REPEAT	Select the playback mode
8	ZOOM	Changing size of picture
9	OSD	Disc information, including song information, playback time, remaining time.
10	SETUP	Opening the setting menu
11	↑, ←, →, ↓, ENTER	Cursor button Confirm the range
12	TITLE	Display DVD title menu / Playback from the first song
13	A-B	Loop sequence activate/deactivate
14	⏮	Rewind
15	STOP	Stop playback
16	⏮	Previous chapter / track
17	⏭	Next chapter / track
18	VOL-	Decrease volume
19	⏭	forward
20	VOL+	Increase volume
21	R/L	Selecting sound channel
22	MENU	Playback: open program menu (not every disc supports) Setup menu: return to main menu
23	SLOW	Slow motion activate/deactivate
24	Ls/Ps	Select video output: S-Video, YUV, RGB
25	N/P	Stop mode: Toggle between AUTO/PAL/NTSC
26	RESET	reset
27	STEP	Single chapter playback
28	RESUME	Start on last point
29	LANGUAGE	Selection from the language

30	SUB/COPY	Selection Subtitle , CD ripping
31	ANGLE	Camera-angle setting (disk dependent)
32	PROG	Programming
33	MUTE	Mute the sound
34	▶PLAY	Start the playback
35	EJECT	Open and close the DVD drive

4. Preparation

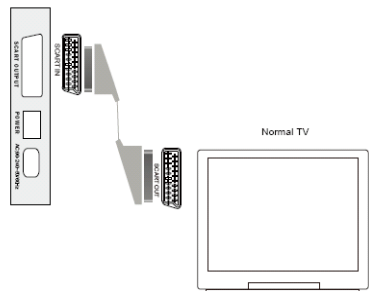
4.1. Connection the device

Follow these steps to connect the DVD player.


- ⚠ Ensure that all units are turned off when connecting.
 1. Connect the TV with the DVD player.
 2. Connect the mains power cable to a wall outlet.
- ⚠ **No connecting cables are supplied.**
- ⚠ You can connect the DVD player in several modes to TV, set recording device (e.g.: VCR) and other devices. Find details in chapter 4.1.1.
- ⚠ Heed the user manuals for your TV set and the other devices.

4.1.1. CONNECTION WITH SCART CABLE

1. Connect the SCART cable into the *SCART OUTPUT* on the DVD player.
 2. Connect the SCART cable with the TV.
- ⚠ To connect hi-fi systems connect the cable to the DVD player's *R* and *L* connectors.




4.1.2. CONNECTION WITH HDMI CABLE

1. Connect the HDMI cable into the HDMI jack *HDMI* on the DVD player.
 2. Connect the HDMI cable with the TV.
 3. To connect video devices connect a SCART cable to the DVD player's *SCART Output* connector.
-  To connect hi-fi systems connect the cable to the DVD player's *R* and *L* connectors.




4.2. Connect to hi-fi system

For audio playback connect your hi-fi system via RCA cable to the receiver.

1. Connect the *R* and *L* on the audio outputs from the stereo system.
-  Do not connect your hi-fi's phono input to the device; this can damage your hi-fi system.

4.3. Insert batteries

The battery compartment is at the rear of the remote control.

1. Insert two AAA batteries (1, 5 V) observing the polarity (+ and -) as marked inside the battery compartment.
-  Point the remote control towards the IR receiver on the main unit (Range of 5 m with 60° angle to both directions).
-  The lifetime of the battery is approximately 6 months with normal use.
-  To avoid damage remove the battery from the remote control during extended periods of non-use.

5. Start of operation and configuration

5.1. Start of operation

See the details in chapter preparation (see **Fehler! Verweisquelle konnte nicht gefunden werden.** connection the system).

1. Select the AV channel on your TV set.
2. Go into the setup of the DVD player and set the correct output.
3. Insert a DVD and press ►PLAY.

You can now watch the desired DVD.

5.2. General operation

For general navigation and control via remote control press ⬇, ➡, ⬅, ⬆ and confirm with ENTER. Besides navigation and control via the cursor buttons you have the shortcut keys, which are described in chapter 3.3 remote control.

5.3. Configuration

Press SETUP to display the main menu.

SYSTEM SETUP	TV SYSTEM
	SCREEN SAVER
	VIDEO
	RESOLUTION
	TV TYPE
	PASSWORD
	RATING
	MPEG4 LANG
LANGUAGE SETUP	OSD LANGUAGE
	AUDIO LANGUAGE




	SUBTITLE LANGUAGE
	MENU LANGUAGE
AUDIO SETUP	AUDIO OUT
	KEY
VIDEO SETUP	BRIGHTNESS
	CONTRAST
	HUE
	SATURATION
	SHARPNESS
SPEAKER SETUP	DOWNMIX
DIGITAL SETUP	OP MODE
	DYNAMIC RANGE
	DUAL MODE

5.3.1. System-Setup

Select the desired menu item and open the submenu by pressing **ENTER**.

5.3.1.1. TV SYSTEM

Here you can select the TV standard

-  **NTSC**
 Select for TV with NTSC signal system (Quite common TV standard, especially in the U.S.A and Asia).
-  **PAL**
 Select for TV with PAL signal system (European TV standard).
-  **AUTO**
 Automatically setting on DVD player

5.3.1.2. SCREEN SAVER

The activated screen saver turns on, when you're turned-on DVD player is for more than 3 minutes in stop mode, open or without disc.

5.3.1.3. VIDEO

Sets the connection type, with which you have connected the device.

5.3.1.4. RESOLUTION

Select the type of video signal output via HDMI or YUV jack. If the picture is not clear or to your satisfaction, then try another option.

5.3.1.5. TV TYPE

Here you can set the TV type



4:3 PS

Picture is cut off on the left and right side



4:3 LB

Picture is with black bars on the top and bottom.



16:9

Wide screen

5.3.1.6. PASSWORD

1. Enter the password „0000“.
2. Press **ENTER**.



For changing the password, first enter the old password and then the new password.

5.3.1.7. RATING

Some DVDs may have a parental level assigned to complete disc or to certain scenes on the disc. This feature lets you set

a playback limitation level. The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.


VCD, SVCD and CD have no level indication, so parental control function has no effect on those kinds of discs. This applies to most illegal DVD discs.

1 KID SAF	Kids material, recommended especially for children and viewers of all ages.
2 G	General Audience recommended as acceptable for viewers of all ages.
3 PG	Parental Guidance suggested
4 PG13	Material is unsuitable for children under age 13.
5 PG 6 R	Parental Guidance-restricted, recommended that parents restrict children under 17 from viewing or allow viewing only when supervised by a parent or adult guardian.
7 NC17	No children under age 17 not recommended viewing for children under age 17.
8 ADULT	Should be viewed only by adults due to graphic sexual material, violence or language.

5.3.1.8. *MPEG4 LANG*

Here you can choose between Central Europe and Western Europe Select.

5.3.2. LANGUAGE SETUP

 If your desired language is not on the disk, the player will play the disc default language.

5.3.2.1. *OSD LANGUAGE*

Here you can set the OSD language.

5.3.2.2. *AUDIO LANGUAGE*

Here you can set the audio language.

5.3.2.3. *SUBTITLE LANGUAGE*




Here you can set the subtitle language.

5.3.2.4. *MENU LANGUAGE*

Here you can set the menu language.

5.3.3. AUDIO SETUP

5.3.3.1. *AUDIO OUT*

-  **SPDIF/OFF**
Deactivation of the Dolby digital decoder.
-  **SPDIF/RAW**
2.0, Select if your player is connected to a digital stereo amplifier.
-  **SPDIF/PCM**
5.1, Select if your DVD player is connected to the amplifier by a coaxial cable.

5.3.3.2. Key

Here you can set the tone from -4 to +4.

5.3.4. VIDEO-SETUP

5.3.4.1. BRIGHTNESS

Here you can set the brightness.

5.3.4.2. Contrast

Here you can set the contrast.

5.3.4.3. HUE

Here you can set the colour tone respectively colour shading.

5.3.4.4. SATURATION

Here you can set the saturation.

5.3.4.5. SHARPNESS

Here you can set the sharpness.

5.3.5. SPEAKER SETUP

5.3.5.1. Downmix

LT/RT	Cinema sound, if the disc is recorded in Dolby Digital Pro Logic
Stereo	Stereo playback

5.3.6. DIGITAL SETUP

5.3.6.1. *OP MODE*

LINE OUT


The input signals are compressed and linear volume is less. Recommended for the night's sleep.


RF REMOD

The volume is higher. Recommended for the day.

5.3.6.2. *Dynamic Range*

If the *OP MODE LINE OUT* select, adjust the dynamic.

 If you select the highest setting, the compression ratio is the lowest.

 Select the lowest setting, the highest compression ratio is the highest.




5.3.6.3. *DUAL MODE*

Here you can select the audio output for the right and left channel.

6. Further functions


6.1. *CD-Ripping*


You may rip music files directly from an Audio CD onto a USB memory stick or any other memory card, in order for you to listen to the music files on your USB memory stick / MP3 player.

 Press  or  you come in the menus music, pictures and video. The menus are all available only if the corresponding files are available.


1. Insert a CD.
2. Connect the USB memory stick / MP3 player or insert a memory card.
3. Select a title or folder.
4. Press **SUB/COPY** on the remote control.

The ripping is starting.


 If you select a folder, the complete folder is ripped.


 If you select a title only the title is ripped.

6.2. Programming

1. During stop mode, press *Program* to display program menu.
 2. Enter the track numbers and press **ENTER**.
 3. Press **▶PLAY** and **ENTER** to play tracks in the programmed order.
-  With **0/10** you can delete a false title, but the cursor must be at the right place.

6.3. A-B


1. During playback, press **A-B** for selecting starting point A of loop sequence.
 2. Press again **A-B** to set the end point.
The sequence between A-B will be repeated.
 3. Press **A-B** (third time) to cancel the set loop sequence.
-  Not every disc supports this function. For CD and SVCD playback, A and B must be located within the same track.

-  For DVD playback, A and B must be located within the same chapter.


7. External components

7.1. USB 2.0

Extend your system by connecting your MP3 player or USB stick.

-  Do not disconnect the device when *DVD/USB* mode is selected.

1. Connect your MP3 player or USB stick.
2. Press **DVD/USB** button until „USB“ is displayed.
3. Press **▶PLAY** to start playback.

-  To avoid damage only disconnect the device after pressing the **STOP** button and selecting a different mode.

7.1.1. MUSIC

▶PLAY	Start playback
 PAUSE	Pause playback
◀◀	Rewind up to 8x possible
▶▶	Fast-forward up to 8x possible
◀◀	Previous title
▶▶	Next title

7.1.1. PICTURE

↑, ↓, ←, →	Rotate or mirror images
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STOP	To return to the main menu
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7.1.2. VIDEO

▶PLAY	Start playback
II PAUSE	Pause playback
◀◀	Rewind up to 8x possible
▶▶	Fast-forward up to 8x possible
◀◀	Previous video
▶▶	Next video

7.2. HDMI

The DVX 3020 has a built-in 1.2 HDMI output.

Featuring a very high data transfer rate, the HDMI supports all digital video and audio formats of consumer electronics on the market. HDMI 1.2 transfers audio data on up to 8 channels, of frequencies up to 192 kHz with word length of up to 24 bits.

So far the HDMI organization has only provided for cables of max.15 meters. A few cables of 20 meter length are available, which do not in all cases work properly.

Longer cables generally need better high frequency properties in order to ensure error-free data recovery at the HDMI receiver. Cable quality and transfer properties of the HDMI receiver are thus crucial for a smooth date transfer.

For cable lengths of up to 5 meters, cheaper cables are absolutely sufficient; from 10 meter onwards, high quality cables are less likely to feature transmission errors. Due to TMDS

encryption used by HDMI, you may easily judge by the resulting image quality whether such errors have occurred. “Flashing” pixels or pixel chains clearly indicate transmission errors.

8. Troubleshooting

Contact the service hotline or uses the contact form on the homepage in case of problems with the system are not dealt with here.

Malfunction	Solution
No picture / no sound	<ul style="list-style-type: none"> ■ Ensure the connectors. ■ Check the settings of the device.
Remote control does not work	<ul style="list-style-type: none"> ■ Decrease the distance to the system. ■ Exchange the battery. ■ Point the remote control towards the system's IR sensor.
Image black & white	<ul style="list-style-type: none"> ■ Select the correct colour standard.
System does not respond.	<ul style="list-style-type: none"> ■ Disconnect from mains power supply and reconnect after a 15 seconds.

9. Warranty

This system comes with a 24-month warranty from the date of purchase.

Please keep your purchase documents!

In case of manufacturing or material defects the warranty consists of rectification of defects or exchange.

The warranty does not include damages or

- ☑ malfunctions due to improper use
- ☑ wear and tear
- ☑ repairs by third parties

The warranty does not include

- ☑ display damage
- ☑ firmware update
- ☑ Accidental damage.

Repair does not extend the warranty period.

9.1. Warranty Procedure

In case of malfunctions, please contact:

- ☑ Your dealer
- ☑ Service hotline
 - Austria: +43 0720 502671 – please dial with the zero!
 - Germany: +49 (0)180 166 66 264 621
 - Switzerland: +41 (0) 848 00 3322
- ☑ Contact form – www.cmx-electronics.com

9.2. Warranty has expired

Please contact us by phone or contact form in case your warranty has expired. We will help you!

Please inform us about the following:

- ☑ Unit type
- ☑ Purchase date
- ☑ Malfunction

9.3. *Shipping the Unit*

To ensure a quick response, please observe the following in case you send us the unit:

- ☑ Send unit plus accessories
- ☑ Send postage free to service center
- ☑ Attach purchase documents
- ☑ Attach filled-out warranty card
- ☑ Error description

Example for error description

Wrong

Unit is defective

Unit malfunctions

Correct

Unit does not respond

Unit cannot be switched on

Please cut out the warranty card!



2 Jahre Garantie auf Gerät und Zubehör

Die Garantie ist nur gültig bei gleichzeitiger Vorlage von Rechnung und Garantiekarte.

Der Garantieanspruch erlischt unter folgenden Bedingungen:

- Ändern oder entfernen der Seriennummer,
- Änderung oder Verlust der Garantiekarte,
- Kauf bei nicht autorisiertem Händler.

Bei falscher Anwendung, Missbrauch oder versehentlicher Beschädigung des Gerätes, erlischt der Garantieanspruch. Dazu zählen:

- Fehlfunktion, die durch das Gerät nicht geeignete Versorgungs-/Betriebsspannung verursacht wurden,
- Mechanische Beschädigung,
- Durchgeschnittene Kopfhörerkabel.

Die Vertragsbedingungen können ohne vorheriger Benachrichtigung geändert werden.

2 years guarantee period for product and accessories

Guarantee is valid only when dealer's invoice is presented together with this guarantee card.

Guarantee does not cover under the following conditions:

- Serial number has been altered or removed,
- Guarantee card is lost or amended,
- Purchase at unauthorized dealer.

Guarantee will be treated as void if product being misused incorrectly used or damaged accidentally, including:

- Malfunction caused by irregular voltage supply,
- Mechanical damage,
- Cut earphone cables.

Terms subjected to change without previous notice.



GARANTIEKARTE GUARANTEE CARD

Produkt
Product

Seriennummer
Serial number

Händlername
Dealer's name

Kaufdatum
Date purchased

Darius Servicecenter · Ödenburgerstrasse 21-23 · 1210 Vienna · Austria | Service MO - DO 8.00 - 16.30 · FR 8.00 - 13.00 · |
Hotline Austria +43 0720 50 26 71 (Inlandstarif) |
Hotline Germany +49 (0) 180 166 66 264 621 |
Hotline Switzerland + 41 (0) 848 00 33 22

Darius HandelsgmbH · Konstanziagasse 31-35 · 1220 Wien · Austria · sales@darius.at

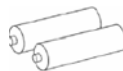
10. In the box

Please contact your dealer directly in case one of the accessories is missing or damaged.

Images are representative pictures for reference only!



Remote control



2 AAA batteries



Audio/Video cable



User manual

11. Technical specifications

Formats	
Video	DVD / DVD-R / DVD-RW / DVD+R / DVD+RW / SVCD / VCD MPEG4
Audio	Audio-CD / CD-R / CD-RW / HDCD MP3-CD, MP3-CD-R, MP3-CD-RW, MP3-DVD
Picture	JPEG / KODAK Picture CD
Signal outputs	
Colour system	PAL / NTSC / AUTO
Audio system	Dolby Digital / Down mix / Stereo
Connectors	
Inputs	USB 2.0
Outputs	2 channel audio HDMI digital audio/video composite video (CVBS) component (YUV) coaxial digital audio optical digital audio Scart: for VCR, TV S-video
General	
Dimensions	280 x 40 x 157 mm
Size of picture	4:3 LB, 4:3 PS, 16:9
Frequency response	4 Hz – 44 kHz +/- 1 dB
Mains power	AC 100-240 V ~ 50/60 Hz
Signal-to-noise ratio	90 dB
Power consumption	10 Watt (Standby <3 Watt)
Temperature	Operation: 0°C ~ 40 °C Storage: -40°C ~ 65°C



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www.cmx-electronics.com